

SCHNEEMANN, J.

SCHNEEMANN, J.

"It is necessary to take care of Tubes! p. 185 (RADIOTECHNIKA.
Vol. 4, No. 7/8, July/Aug. 1954; Budapest, Hungary.

So: Monthly List of East European Accessions, (EMAL), LC. Vol. 4,
No. 4, April 1955, Uncl..

SCHNECK, M.

Hungarian Technical Abst.
Vol. 5 No. 2
1953

603.632.42.012.2
19. On the quantity of lime required for the treatment of industrial waters. — *Ipari Érch. (Industriestudien)* — N. Lengyel, A. Schneck and B. Csikvári. (Journal of the Hungarian Chemical Society — *Magyar Kémikusok Lapja* — Vol. VII, No. 4, April 1952, pp. 117–121, 1 fig., 2 tabs.)

The quantity of lime required for decarbonizing industrial (mainly boiler feed) waters is less than the quantity arrived at through computations with stoichiometric equations. Experiments proved that the difference was caused by the magnesium content of the natural waters. The quantity of lime required for decarbonization is determined by the following formula based on the results of investigations: $\text{lime} = 10[K + Mg(0.1 + 0.02Mg) + c]$, where K = the quantity of carbonates, Mg = magnesium hardness, c = free carbonic acid, all in "German hardness degrees" (one degree = 10 mg CaO in one l of water). Experiments conducted with natural and artificially prepared waters have proven that the proposed formula gives more accurate and generally valid results than any used so far.

N. Lengyel

SCHNEER, A.

Teaching inorganic chemistry at universities. p. 243.

Vol 10, no. 8, Aug. 1955. MAGYAR KEMIKUSOK LAPJA. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

SCHNEER ANNA
HUNGARY/Analytical Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24783

Author : Schneer Anna, Hartmann Hildegard

Inst :

Title :

Titrimetric Determination of Zirconium.

Orig Pub : Magyar kem. foluoirat, 1957, 63, No 10, 295-296

Abstract : Description of 2 new methods of determining Zr in minerals, which are superior, in sensitivity and selectivity, to the known methods. According to the 1-st method Zr is precipitated from hydrochloric acid solution with mandelic acid (I) or with p-bromomandelic acid (II), the precipitate is dissolved in a saturated solution of Na_2CO_3 , I (or II) is oxidized with K-permanganate, to benzoic (or p-bromobenzoic) acid and the excess KMnO_4 is determined in the usual manner with $\text{H}_2\text{C}_2\text{O}_4$. 2-50 mg Zr are determined with an error of $\pm 1\%$. The 2-nd method is suitable for determination of less than 2 mg Zr and differs from the 1-st in

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... lieu of KMnO_4 is used as oxidizing agent; H_2SO_4 . Excess of oxidizing agent is conducted in concentrated solution with a solution of FeSO_4 in the presence of ferroin as indicator. 1-5 mg Zr are determined with an error of 2 to 5%. less than 1 mg Zr -- with an error of 2 to 5%.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001447530004-3

Card 2/2

6

SCHNEER, A

E-2

COUNTRY : Hungary

CATEGORY : Analytical Chemistry--Analysis of Inorganic Substances.

ABS. JOUR. : RZKhim., No. 16 1959, No. 56861

AUTHOR : Schneer, A. and Halmos, T.

INST. : Not given

TITLE : Investigation of the System Zirconium-Morin.
Photometric Determination of Zirconium

ORIG. PUB. : Magyar Kem Folyoirat, 64, No 10, 371-376 (1958)

ABSTRACT : The system Zr-morin (I) has been investigated photometrically using light filters of 420 and 470 m μ . It has been established that the absorption of the yellow chelate compound of Zr with I is independent of the Zr : I ratio when more than two mols I are present per gm-atom Zr and is independent of the concentration of the acid (HCl) when the latter exceeds 1.5 N. The absorption increases by up to 1.5 % on standing for 2 hrs. The complex is not very soluble

CARD: 1/4

SCHNEER, A

Distr: 4E2c

✓157/60.

546.791-386

On the production of complex uranium compounds for use as thin layers. P. Patóh, A. Schneer. *A Magyar Tudományos Akadémia Központi Fizikai Kutató Intézetének Közleményei* (Proceedings of the Central Research Institute for Physics of the Hungarian Academy of Sciences), Vol. 7, 1959, No. 1-2, pp. 80-85, 1 fig.

Uranium products were produced which do not dissolve easily in water but have good solubility in organic solvents, these compounds can be sublimated in vacuum. U(IV) compounds were found to be the most suitable for sublimation. U(IV) complexes were obtained in pure form and the absorption curve was plotted for its acetylacetonate and thenoyltrifluoroacetate complex compound remaining unchanged even in solution in the presence of air.

1929 (NB)
1 mg. Cd

HUNGARY/Analytical Chemistry - Inorganic Analysis.

E

Abs Jour : Ref Zhur Khimiya, No 20, 1959, 71239
 Author : Schneer, Anna; Hartmann, Hilda
 Inst :
 Title : Titrimetric Determination of Zirconium. I. Titration of Zirconium with Potassium Permanganate in an Alkaline Medium
 Orig Pub : Magyar kem. folyoirat, 1959, 65, No 1, 35-36

Abstract : The possibility of an indirect determination of Zr by an oxidation-reduction titration of mandelic acid (I) with KMnO_4 solution was studied. As a preliminary step the method of titrating I and p - bromomandelic acid (II) with KMnO_4 solution in an alkaline medium (1-2 N. NaOH) was worked out; Nb_2O_5 , Ta_2O_5 , SiO_2 , and WO_3 do not interfere. I and II are quantitatively oxidized in the titration to benzoic and p-bromobenzoic acid, respectively. (I and II are

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HUNGARY/Analytical Chemistry - Inorganic Analysis.

E

Abs Jour : Ref Zhur Khimiya, No 20, 71239

quantitatively separated from the reaction mixture); nevertheless, ~ 11% more than the theoretical amount of KMnO_4 is used up, apparently because of auto-decomposition. The precipitation of Zr with I takes place quantitatively, and the precipitate formed has a stoichiometric composition; I/sic/ cannot be used for the quantitative precipitation of Zr. In the determination of Zr the solution to be analyzed containing 2-20mg Zr is evaporated to 20-100 ml, 15-80 ml conc. HCl is added, the solution is heated to 95°, 15-80 ml 16% solution of I is added dropwise while stirring, and the mixture is kept on a water bath for several hours. After 1-2 days the precipitate is filtered off using a glass filter, washed first with mother liquor (the filtrate obtained after the precipitation of Zr mandelate precipitated from pure Zr solutions), then with ethanol and ether, dried at 110-120° and dissolved

Card 2/3

ORDOGH, Maria; SCHNEER, Anna

Paper chromatographic analysis in connection with the producing of tellurium (VI) compounds. Koz fiz kozl MTA 8 no.1:39-40 '60.
(EEAI 10:1)

1. Magkemiai Laboratorium II, A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete.

(Tellurium) (Chromatography) (Chlorination)
(Butyl alcohol) (Hydrochloric acid) (Tin chlorides)

SCHNEER, Anna, a kemiai tudományok kandidátusa

Outstanding scientific achievements in the analytical chemistry research in Hungary during the past decade; a contribution to the account by the Section's leadership. Kem tud kozl MTA 14 no.2:227-231 '60. (EEAI 10:2)
(Hungary--Chemistry, Analytic)
(Hungarian Academy of Sciences)

SCHNEER, Anna, a kémiai tudományok kandidátusa (Budapest); PROSZT, Janos;
PUNGOR, Erno, a kémiai tudományok doktora (Budapest); SZARVAS, Pal,
a kémiai tudományok kandidátusa

An account of the 1959 work of the Committee of Inorganic and Analytical Chemistry, Hungarian Academy of Sciences. Kem tud kozl MTA 15 no.3:375-395 '61.

1. Magyar Tudományos Akadémia Szervetlen és Analitikai Kémiai Bizottság, Budapest (for Schmeer) 2. Szerkesztőbizottsági tag, Magyar Tudományos Akadémia Kémiai Tudományok Osztályának Közleményei and lev.tag (for Prosz) 3. Eötvös Loránd Tudományegyetem Szervetlen Kémiai Tanszék, Budapest (for Pungor)

(Hungarian Academy of Sciences)
(Hungary—Chemistry, Inorganic)

SCHNEER, Anna; HARTMANN, Hilda

Volumetric determination of zirconium. Pt. 2. Magyar kémiai folyóirat
65 no.2:64-69 F. '59.

1. Eötvös Loránd Tudományegyetem Általános és Szervetlen Kémiai
Intézete, Budapest.

SCHNEER, Anna, dr. (Budapest); HARTMANN, Hilda, dr. (Budapest)

Chromatometric titration of sodium tetraphenylborate. Acta chimica
Hung 28 no.1/3:271-278 '61. (EEAI 10:9)

1. Institut für Allgemeine und Anorganische Chemie der L. Eotvos
Universität, Budapest.

(Chromates) (Sodium tetraphenylborate)

SCHNEER, Anna; HARTMANN, Hildegard

Chromatometric titration of sodium tetraphenylborate. Magyar kémiai folyóirat 67 no.7:309-313 J1 '61.

1. Eotvos Lorand Tudományegyetem Általános és Szervetlen kémiai Tanszéke, Budapest.

SCHNEER, Anna; PATOH, Piroška

Investigation of zirconium-morin system. II. Effect of the reaction conditions. Magyar kémiai folyóirat 67 no. 8: 334-339 Aug '61.

1. Eötvös Loránd Tudományegyetem Általános és Szervetlen Kémiai Tanszéke és Központi Fizikai Kutató Intézet Kémiai Osztálya
Budapest.

ERDEYNE SCHNEER, Anna; DEAK, Gyula

Rules for the Hungarian chemical nomenclature and orthography.
Magy kem lap 17 no.6:253-255 Je '62.

1. Szervetlen Kémiai Akadémiai Kutató Csoport (for Erdeyne
Schneer). 2. Budapesti Műszaki Egyetem Szerves Kémiai
Technológiai Tanszék (for Deak).

BECK, Mihaly; BITE, Pal; BRUCKNER, Gyozo; CSENTES, Jozsef; CSUROS, Zoltan;
DEAK, Gyula; ERDEY-GRUZ, Tibor; ERDEY, Laszlo; FABIAN, Pal;
FINALY, Istvan; FODOR, Gabor; FODORNE CSANYI, Piroška;
GYORBIRO, Karoly; INZELT, Istvan; KUCSMAN, Arpad; NEUMANN, Erno;
PUNGOR, Erno; SCHNEER, Anna; SCHULEK, Elemer; SZABADVARY, Ferenc

Rules for the Hungarian chemical nomenclature and orthography.
Kem tud kozl MTA 17 no.1/4:1-292 '62.

1. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Bruckner, Csuros, Laszlo Erdey, G.Fodor, and Schulek).
2. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkesztoje (for Erdey-Grúz).
3. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" technikai szerkesztoje (for Finaly).
4. Muvelodesugyi Miniszterium (for Csentes).
5. Magyar Tudomanyos Akademia Helyesitasi Bizottsage (for Fabian).
6. Nehezipari Miniszterium (for Neumann).

L 46043-66

ACC NR: AT6034087

SOURCE CODE: HU/2502/65/044/003/0267/0276

AUTHOR: Schneer-Erdey, Anna--Shner-Erdei, A.; Toth, Tibor--Tot, T. 22

ORG: Institute of General and Inorganic Chemistry, Eotvos Lorand University (Eotvos Lorand Tudomanyegyetem, Altalanos es Szervetlen Kemiai Intezet); Research Group of Inorganic Chemistry, Hungarian Academy of Sciences, Budapest (Magyar Tudomanyos Akademia, Szervetlen Kemiai Kutatocsoport) (41)

TITLE: Chromatometric determination of anthranilic acid by total wet oxidation according to an equivalent weight ratio of 1 : 28

SOURCE: Acta chimica academiae scientiarum Hungaricae, v. 44, no. 3, 1965, 267-276

TOPIC TAGS: organometallic compound, chromate

ABSTRACT: As seen by the experimental results, anthranilic acid undergoes oxidation with sodium dichromate, in a medium of concentrated sulfuric acid at 115° within 40 minutes, in a stoichiometric reaction with the formation of water, carbon dioxide and ammonia. The mixture used for the moist combustion can also be used as a standard solution. When the solution is diluted at the end of the reaction, the excess chromium(VI) in it can be titrated with iron(II) in the presence of ferroin as indicator. When an 0.5 per cent correction is applied for the spontaneous decomposition of chromium(VI) solution not consumed in the oxidation, the titration values for anthranilic acid and for metal anthranilates agree within ± 0.2 per cent. One ml of 0.1 N sodium dichromate corresponds to 0.4898 mg of anthranilic acid or $M/650$ mg of divalent metals. *M = molecular wt. The authors thank Professor, Doctor B. Lengyel for his participation in the experimental work. Orig. art. has: 1 figure and 6 tables. [Based on authors' Eng. abst.] [JPRS: 33 540]

SUB CODE: 07 / SUBM DATE: 30Jul64 / ORIG REF: 007 / OTH REF: 007

0926 2142

Schneer, J. H.

ROMANIA

MARCULESCU, T., Lecturer; WASSERMAN, L., MD; SCHNEER, J. H., MD;
DRAGAN, Silvia, MD.

Pediatrics Section of the Clinic of the Children's City Hospital
and the Institute of Medical Research of the Academy of the
R.P.R., Iasi Branch (Sectia de Pediatrie a Spitalului clinic
orasesesc de copii si Institutul de Cercetari Medicale al
Academiei R.P.R., Filiala Iasi) - (for all)

Bucharest, Viata Medicala, No 3, 1 Feb 63, pp 161-167.

"Study of two Cases of Dubin-Johnson's familial Jaundice."

(4)

SCHNEIBERG, Krzysztof

Studies on nuclei of interphase of bone marrow cells in normal conditions and in acute chronic myeloid leukemia. Pat.polska 6 no.1:19-28 Jan-Mar '55.

1. Z I Kliniki Chorob Wewnętrznych Śląskiej A.M. w Zabrsu. Kierownik: prof.dr J. Japa.

- (BONE MARROW, anatomy and histology,
interphase cell nuclei in normal cond. & myelocytic leukemia)
- (CELL DIVISION,
interphase cell nuclei in bone marrow in normal cond. & myelocytic leukemia)
- (CELL NUCLEI,
bone marrow interphase cell nuclei in normal cond. & myelocytic leukemia)
- (LEUKEMIA, MYELOCYTIC, pathology,
bone marrow interphase cell nuclei)

SCHNEIBERG, Krzysztof
SCHNEIBERG, Krzysztof

A case of reticuloendothelial system reaction to arsenical compounds, with clinical and hematological features of reticulosis, treated with BAL. Polski tygod.lek. 10 no.13:408-410 28 Mar 55.

1. Z I Kliniki Chorob Wewnętrznych Śląskiej Akademii Medycznej:
kierownik: prof. dr Józef Japa.

(RETICULOENDOTHELIAL SYSTEM, effect of drugs on,
arsenic compounds, ther. dimercaprol)

(ARSENICALS, injurious effects,
reticuloendothelial system reaction, ther. dimercaprol)
(DIMERCAPROL, ther. use,
reticuloendothelial system reaction to arsenicals)

SCHNEIBERG, Krzysztof.

Practical method of simultaneous count of blood platelets and reticulocytes. Polski tygod. lek. 10 no. 43:1414-1415 24 Oct 55.

1. I i Kliniki Chorob Wewnętrznych Śląskiej A.M. i Poradni Chorob Krwi w Zabrze; kier.: prof. dr. Józef Japa. I Klin. Chor. Wewn. A.M. Zabrze-Rokitnica.

(ERYTHROCYTES,

reticulocytes, simultaneous count with blood platelets)

(BLOOD PLATELETS,

count, simultaneous with reticulocytes)

WOLANSKI, Adam; SCHNEIBERG, Krzysztof.

Investigations on functional mechanism of erythropoietic disorders in pernicious anemia based on bone marrow cell division. Poskie arch.med.wewn. 25 no.5:973-979 1955.

1. I Klinika Chorob Wewnętrznych Al. A.M. Kierownik: prof. dr. med. J. Japa.

(ANEMIA, PERNICIOUS, pathology,
erythropoietic disord., relation to bone marrow
cell division)

(CELL DIVISION,
bone marrow, relation to erythropoietic disord.
in pernicious anemia)

EXCERPTA MEDICA Sec. 6 Vol. 11/8 Aug. 57

SCHNEIBERG K.

4980. SCHNEIBERG K. I Klin. Chor. Wewnet. Śląskiej A. M., Zabrze. *Związek glikemii z ilością limfocytów i eozynofiliów u zdrowych i u chorych na przewlekłą leukemiczną białaczkę limfatyczną. The relation of glycaemia to the number of lymphocytes and eosinophils in the healthy and in patients with chronic lymphatic leukaemia PATOL. POL. 1956, 7/3 (247-256) Graphs 6 Tables 7

The basic group of subjects examined consisted of 10 cases of chronic lymphatic leukaemia, while the control group was composed of 20 healthy subjects. The sex and age differed. In all the cases examined, the fasting sugar level in the blood, the leucocytosis, and the absolute number of lymphocytes and eosinophils circulating in the blood were determined. Subsequently, 50 g. of glucose were administered orally, and these indices were estimated every half hour for 3 or 4 hr. The same tests were carried out on the same individuals after 2 days, having first administered 10 U. of crystalline insulin s. c., and again 2 days later after an i. m. injection of 0.3 mg. of adrenaline. The behaviour of the curves of the glycaemia and eosinophils was the same, whether glucose, insulin or adrenaline had been administered, in patients with leukaemia and in healthy subjects. The course of the lymphocyte curves undergoes certain changes, which show a drop in the number of lymphocytes after glucose and adrenaline greater than in healthy subjects, and a more rapid and greater rise after insulin. It was established that the sugar level alone does not determine the level of the lymphocytes and eosinophils, and the existing interdependences are conditioned by certain hormonal substances which affect the glycaemia, and at the same time regulate the composition of the peripheral blood cells. Adrenaline, insulin, and the hormones of the adrenal cortex appear to play the principal part. Interpreting these deviations, the author assumes the sensitization of the lymphocytes in cases of lymphatic leukaemia to the accumulative action of insulin and the cytolytic effect of the 11-oxysteroids of the adrenal cortex.

(VI, 5, 16)

KARDASZEWICZ, Ewa; SCHNEIBERG, Krzysztof

Cold agglutination and its clinical significance. Polski tygod.
lek. 11 no.45:1914-1916 5 Nov 56.

1. (Z I Kliniki Chorob Slaskiej Akademii Medycznej; Kierownik:
prof. dr. Jozef Japa) adres: Zabrze, ul. 3 Maja 15, I Klinika
Chorob Wewn, sl. A.M.
(HEMAGGLUTINATION,
cold (Pol))

SCHNEIBERG, KRZYSZTOF

WOLANSKI, Adam; SCHNEIBERG, Krzysztof

Granulopoiesis in Addison-Briemer's anemia. Polskie arch. med.
wewn. 27 no.1:93-97 1957.

1. Z I Kliniki Chorob Wewnętrznych Sl. A.M. w Zabrsu Kierownik:
prof. dr. med. J. Japa. Adres autora: Zabrze, ul. 3 Maja 15, I
Klinika Chor. Wewn. Sl. A.M.

(ANEMIA, PERNICIOUS, blood in
granulopoiesis (Pol))

(LEUKOCYTES
granulopoiesis in pernicious anemia (Pol))

SCHNEIBERG, Krzysztof; LI-SU-TONG

Blood and the hemopoietic system in leprosy. Pat.polska 10 no.4:
469-477 O-D '59.

1. Ze Szpitala Pol. Czerwonego Krzyza w Ham-hynie w Korei Poln.
Dyrektor: dr. J. Jaworski.

(LEPROSY blood)

(BONE MARROW pathol.)

(ANEMIA etiol.)

SCHNEIBERG, Krzysztof

Studies on granulepoiesis in the state of leukocytosis.
Arch. immun. ter. dosw. 8 no.1:117-139 1960.

1. I. Klinika Chorob Wewnętrznych Śląskiej Akademii Medycznej
w Zabrze, Kierownik: Prof. dr J. Japa.
(LEUKOCYTOSIS physiol.)

SCHNEIBERG, K.

The effect of exclusion of the spleen from the portal circulation on
hemopoiesis in mice C₅₇—black. Folia biol 8 no.4:317-338 '60.
(EEAI 10:6)

1. Institute of Oncology, Gliwice. Head: J.Swiecki, M.D. Laboratory
of Clinical Medicine Gliwice. Head: K.Schneiberg, M.D.
(SPLEEN) (LIVER) (BLOOD)

SCHNEIBERG, K.; WATRAS, J.

Erythropoiesis in mice C₅₇— black investigated with radioiron
after exclusion of the spleen from the portal circulation. Folia
biol 8 no.4:339-349 '60. (EEAI 10:6)

1. Institute of Oncology, Gliwice. Head: J.Swiecki, M.D.
Laboratory of Clinical Medicine, Gliwice. Head: K.Schneiberg, M.D.
Laboratory of Radiobiology, Gliwice. Head: J.Watras, M.Eng.
(IRON) (BLOOD) (LIVER) (SPLEEN)
(RADIOISOTOPES)

SCHNEIBERG, Krzysztof

Problem of normal hemopoiesis. I. Histogenic function of the hemopoietic system. Polskie arch.med.wewn. 30 no.1:115-127 '60.

1. Z Instytutu Onkologii w Gliwicach. Dyrektor: dr.med. J. Swiecki. Zakład Analiz. Klinicznych. Kierownik: kand.n.med.dr.med. K. Schneiberg.

(HEMATOPOIESIS physiol.)

SCHNEIBERG, Krzysztof

The problem of normal hemopoiesis. Polskie arch. med. wewnetrz.
30 no.12:1527-1539 '60.

1. Z Instytutu Onkologii. Oddzial w Gliwicach Dyrektor: dr med.
J. Swiecki. Zaklad Analiz Klinicznych Kierownik: kand. nauk.
Med dr med. K. Schneiberg.

(HEMATOPOIESIS)

2

~~ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED~~
~~DATE 10/11/01 BY 60322~~

Country: Poland

Academic Degrees:

Department of Clinical Analysis and Department of Tumor
Administration: Biology of the Oncology Institute (Instytut Onkologii),
Gliwice; Director: J. SWIECHI, Dr

Source: Wzrostowy Historia i Medycyna Doświadczalna, No 2,
March-April 1961, pp 235-242

Data: "Observations regarding Transmitted Leukemia in Mice of the
Afb Strain (Hematological Characteristics)."

Co-author:

SWIECHI, Jacek

SCHNEIBERG, K.; WATRAS, J.

Erythropoiesis in C₅₇ Black mice investigated with radiochromium after exclusion of the spleen from the portal circulation. Folia biologica 9 no.2:159-167 '61.

1. Institute of Oncology, Gliwice. Head: J. Swiecicki, M. D.
Laboratory of Clinical Medicine, Gliwice. Head: K. Schneiberg,
M. D. Laboratory of Radiobiology, Gliwice. Head: J. Watras, M.Eng.

SCHNEIBERG, Krzysztof; GORSKI, Tadeusz

Fibrinolytic reaction in electric shock. Postepy hig. i med. dosw.
15 no.2:229-234 '61.

1. Z Zakladu Analiz Klinicznych i z Zakladu Biologii Nowotworow
Instytutu Onkologii w Gliwicach Dyrektor: dr J.Swiecki.
(SHOCK THERAPY ELECTRIC blood)
(FIBRINOLYSIS)

SCHNEIBERG, Krzysztof; GORSKI, Tadeusz

Observations on transplantable leukemia in Afb mice (hematological characteristics). Postepy hig. i med. dosw. 15 no.2:235-242 '61.

1. Z Zakladu Analiz Klinicznych i z Zakladu Biologii Nowotworow
Instytutu Onkologii w Gliwicach Dyrektor: dr J. Swiecki.
(LEUKEMIA exper)

SCHNEIBERG, Krzysztof

The problem of normal hemopoiesis. III. Role of the spleen.
Polskie arch. med. wewnetrz. 31 no.2:237-249 '61.

1. Z Instytutu Onkologii w Gliwicach Dyrektor: dr med. J. Swiecki
i z Zakladu Analiz Klinicznych Instytutu Kierownik: kand. n. med.
dr med. K. Schneiberg.

(SPLEEN physiol)

SCHNEIBERG, Krzysztof

The problem of normal hemopoiesis. IV. Studies with the aid of radioactive isotopes. Polskie arch. med. wewn. 31 no.5:701-719 '61.

1. Z Instytutu Onkologii w Gliwicach Dyrektor: dr med. J. Swiecki
Zaklad Analiz Klinicznych Instytutu Kierownik: kand. nauk med. dr
med. K. Schneiberg.

(HEMATOPOIESIS) (RADIOISOTOPES)

SCHNIEBERG, Krzysztof; CHORAZY, Mieczyslaw

Content of lipoid bodies in the erythrocytes of black C-57 mice in relation to the lieno-hepatic system. Acta physiol. polon. 13 no.2: 293-299 '62.

1. Z Instytutu Onkologii, Oddział w Gliwicach Dyrektor: dr J. Swiecki Z Zakładu Analiz Klinicznych Instytutu Kierownik: dr K. Schneiberg Z Zakładu Biologii Nowotworow Instytutu Kierownik: dr M. Chorazy.

(SPLEEN physiol) (LIVER physiol) (LIPIDS blood)
(ERYTHROCYTES metab)

POLAND

WIECZORKIEWICZ, Anna, SCHNEIBERG, Krzysztof, and ZARENBA, Barbara; Institute of Oncology (Instytut Onkologii) in Gliwice (Director: Dr. med. Jeremi SWIECKI)

"Some Problems of Therapy of Malignant Diseases of the Lympho-Reticular System."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 22, 27 May 63, pp 789-792.

Abstract: [Authors' English summary modified] Authors discuss the relationship between leukemia and lymphatic sarcoma and the difficulties of differentiation between a neoplasm and leukemia in the lympho-reticular system. They exemplify the problem by citing three cases, and recommend careful observation during x ray treatment in view of the fact that the existing classification of the malignant diseases of the lympho-reticular system does not include the prognosis. There are 25 references, of which eight (8) are Polish, two (2) German, and the remaining 15 - Western.

1/1

VORBRODT, A.; WILCZOK, T.; SCHNEIBERG, K.; GORKI, T.

Autoradiographic studies of the fate of heterologous DNA after injection into mice. Neoplasma 10 no.4:355-359 '63.

1. Department of Tumour Biology, Institute of Oncology,
Gliwice, Poland.

(METABOLISM) (RADIOAUTOGRAPHY) (URINE)
(DNA, NEOPLASM) (FECEs) (TRITIUM)
(THYMIDINE)

SCHNEIBERG, Krzysztof

Hematopoietic activity as a genome function. Pol. tyg. lek.
18 no.27:996-1000 1 Jl '63.

1. Z Instytutu Onkologii, Oddział w Gliwicach; dyrektor: dr
med. J. Swiecki.
(CHROMOSOMES) (HEMATOPOIETIC SYSTEM)

SCHNEIBERG, Krzysztof; KUCHCINSKI, Ryszard; STILLER-MINKIER, Renata

Erythroblastemia -- an accessory sign in the diagnosis of tumor metastases (preliminary communication). Nowotwory 14 no.2:157-164 '64.

1. Z Instytutu Onkologii w Gliwicach (Dyrektor: dr. med. J. Swiecki).

SCHNEIBERG, Krzystof; KUHCINSKI, Ryszard; STILLER-WINKLER, Renata

Case of malignant melanoma with metastases to the bone marrow.
Wiad. lek. 18 no.20:1609-1612 15 0 '65.

1. Z Instytutu Onkologii, Oddzial w Gliwicach (Dyrektor: dr. med.
J. Swiecki).

SCHNEID, V

PAPYZH, L. [Papež, L.]; SHNAYD, V. [Schneid, V.]; SHTEPANOVSKIY, Ya.
[Štěpanovský, J.]

Modification of tubal sterilization with a single suture.
Akush. i gin. 35 no.2:72-73 Mr-Apr '59. (MIRA 12:5)

1. Iz 1-y ginekologicheskoy kliniki (zav. - prof. K.Klauss)
Karlova universiteta v Prague.

(STERILIZATION, SEXUAL

fallopian tube ligation, modified technic (Rus))

(FALLOPIAN TUBES, surg.

ligation in sexual sterilization, modified
technic (Rus))

JAKUBEKOVÁ, J.; KOLDOVSKÝ, P.; BEK, V.; MAJSKY, A.; SCHNEID, V.; VOPATOVÁ, M.

To the problem of immunotherapy of choriocarcinoma. Neoplasma
(Bratisl.) 12 no.5:531-542 '65.

1. Radiological Clinic of the Faculty of General Medicine of
the Charles University; Institute of Experimental Biology and
Genetics Československé akademie věd; Institut of Hematology
and Blood Transfusion, The First Gynecological Clinic of the
Charles University, Prague, Czechoslovakia. Submitted September 11,
1964.

RUMANIA / Diseases of Farm Animals. Arachno-Entomoses.

R

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 101371

Authors : Volintir, V.; Schneider, A.

Inst : Not given

Title : Comparative Evaluation of the Effectiveness of Entomoxan, Tarsol, DDT Emulsion, and Liquid Extracts in Treating Hypodermatitis.

Orig Pub : Probl. veterin., 1956, No. 3, 37-38.

Abstract : Twenty-four animals were treated with the preparations mentioned above. Entomoxan and the extract of false hellebore (Veratrum) roots proved to be most effective in their action.

Card 1/1

SCHNEIDER, A., inz., G.Sc.

Construction of the railroad permanent way from prestressed concrete. Tech praca 15 no.2:126-127 F '63.

SCHNEIDER, Antonin, inz., CSc.

Operational tests of the new constructions of the railroad.
Zel dop tech 11 no. 12: 356-358 '63.

HUNGARY

SZITA, Jozsef, Dr, ROHNY, Bela, Dr, SCHNEIDER, Agnes, Dr: National Public Health Institute and Central State Hospital (Orszagos Kozegeszsegugyi Intezet es Kozponti Allami Korhaz).

"Experiences With Central Sterilization Used in the Central State Hospital for Two Years."

Budapest, Magyar Sebeszet, Vol XVI, No 4, Aug 1963, pages 209-216.

Abstract: [Authors' Hungarian summary] The effectiveness of the central sterilization unit, established in 1960 in the Central State Hospital, is evaluated after 2 years of existence. The problems of location, equipment, personnel and instrument supply, the method of collection and distribution of the material and the work procedures performed by the unit are described. The problems remaining to be solved are pointed out. It is concluded that a central sterilization unit is effective for the decrease of hospital infections and thus contributes to the raising of the standards of care. Although the initial establishment is expensive, the elimination of surgical infections, the increased insurance of sterility and the saving in working hours will return the initial expenditures in a short time. 13 Hungarian, 13 Western references.

CZECHOSLOVAKIA

SCHNEIDER, B; VODNANSKY, J.

Institute of Macromolecular Chemistry, Czechoslovak
Academy of Sciences, Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications,
No 8, 1963, pp 2080-2087

"A Study on the Relation between the Infrared Spectra
and the Crystalline Structure of Cellulose."

SCHNEIDER, B.

1706* On Terpenes. XLIII. Infrared Investigations of Terpenes. IV. (English.) J. Pliva, V. Herout, B. Schneider and F. Šorm. *Collection of Czechoslovak Chemical Communications*, v. 18, no. 4, Aug. 1953, p. 500-511.

Infra-red spectra of cadinanes, tetrahydrosozingerene, and calacorane show that these hydrocarbons differ from each other merely in their spatial configuration. Tables, graphs. 22 ref.

SORM, F.; HOLUB, M.; SYKORA, V.; MLEZIVA, J.; STREIBL, M.; PLIVA, J.;
SCHNEIDER, B.; HEROUT, V.

On terpenes. Part 46. Sesquiterpenic hydrocarbons from oil of sweet
flag [in English with summary in Russian]. Sbor.Chekh.khim.rab. 18
no.4:512-526 Ag '53. (MLRA 7:6)

1. Department of Natural Products, Institute of Organic Chemistry,
Czechoslovak Academy of Science, Prague. (Sesquiterpenes)
(Calamene)

SCHNEIDER, BOHDAN

Czech

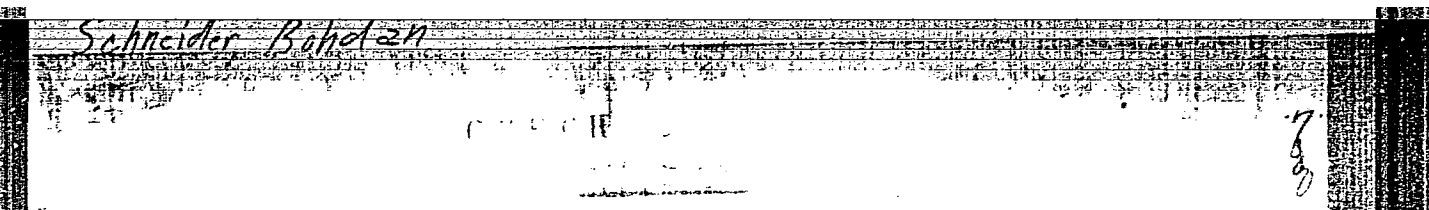
Vibrational spectra of some halogenated silanes. I.
Dynamic and potential constants and thermodynamic func-
tions in the series SiCl_2Br_2 . Bohdan Schneider and Josef
Pliva (Czech. Acad. Sci., Prague). ~~Czechoslov.~~ *Chem. Commun.* 19, 653-65 (1954) (in English). - See C.A.
48, 7434g. S. J. C.

SCHNEIDER, Bohdan n
Schneider, Bohdan

Vibrational spectra of some halogenated silanes. I.
Dynamic and potential constants and thermodynamic func-
tions in the series $\text{SiCl}_4, \text{SiCl}_3\text{Br}, \text{SiCl}_2\text{Br}_2, \text{SiClBr}_3, \text{SiBr}_4$.
Bohlan, Schneider, and
Josef Pliva (Ustav org. chem., CSAV, Prague, Czech.).
Chem. Listy 48, 930-47 (1951).--The dynamic and poten-
tial constants of the general quadratic potential function have
been computed from the published exptl. data for the series
of mols.: $\text{SiCl}_4, \text{SiCl}_3\text{Br}, \text{SiCl}_2\text{Br}_2, \text{SiClBr}_3$, and SiBr_4 .
A consistent set of dynamic constants has been obtained
which reproduces the observed Raman frequencies of the
individual mols. with an av. error $< \pm 0.8\%$. The therm-
odynamic functions $C_p^\circ, S^\circ, (H^\circ - H_0^\circ)/T$ and $-(G^\circ -
H_0^\circ)/T$ of these mols. in the temp. range $273.15^\circ\text{--}1500^\circ\text{K}$.
have been calcd. to the rigid rotator and harmonic oscil-
lator approximation. E. Erdős

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estm of the values of diagonal potential consists of the

E. Dries

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SCHNEIDER, BONNAN

CZECH

The determination of the potential constants of polyatomic molecules. Josef Plicka and Bonnan Schneider (Estav org. chemie, CSAV, Prague). *Chem. Zvesti* 49: 158-163 (1955). of preceding abstr. - It is shown that the quadratic potential const. matrix K of a polyat. mol. may be generally expressed in the form: $K = G^{-1}A + \Delta K$, where ΔK is the matrix of correction members. Some forms of the correction matrices are discussed and for the case of two-row potential const. matrix a method is shown which gives approx. expressions for the correction members. The values of potential const. calcd. by this method agree well with the published values for hydride mols. XH_4 , simple hydrocarbons, and generally for mols., where the non-diagonal kinematic const. G_{ij} ($i \neq j$) are relatively small. E. Eridi.

MA
JES

Schneider, B
 COUNTRY : Czechoslovakia
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 14 1959, No. 48485
 AUTHOR : Stokr, J. and Schneider, B.
 INST. : Not given
 TITLE : Vibration Spectra of Some Halogen Derivatives of Silane. II. Vibration Spectra of Trichloro-halogenosilanes.
 ORIG. PUB. : Chem Listy, 52, No 6, 985-995 (1958)
 ABSTRACT : The raman spectra of SiCl_4 , SiFCl_3 , SiBrCl_3 , SiI_4 , and the IR absorption spectra of SiFCl_3 , SiBrCl_3 , and SiI_4 in the region 450-2,000 cm^{-1} have been recorded and interpreted. From the frequencies obtained the authors have calculated force constants (the compound, and the force constants $K(q_{\text{Cl}})$, $K(q_{\text{X}})$, $K(q_{\text{Cl}}q_{\text{Cl}})$, $K(q_{\text{Cl}}q_{\text{X}})$, $K(q_{\text{Cl}} \gamma \text{ClCl})$, $K(q_{\text{Cl}} \gamma \text{ClX})$, $K(\text{ClCl})$ [SiCl_4], $K(q_{\text{X}} \gamma \text{ClX})$, $K(\gamma \text{ClX})$, $K(\gamma \text{ClCl} \gamma \text{ClCl})$,

CARD: 1/3

B-10

COUNTRY : Czechoslovakia
CATEGORY :

B-4

ABS. JOUR. : RZKhim., No. 14 1959, No.

48485

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : constants obtained are compared with the values given in the literature for trichlorohalogeno derivatives of silane and with the constants for the analogous carbon-containing compounds. A splitting of the highest frequencies in spherically symmetric tetrahalogeno derivatives is observed. However, in the case of SiCl_4 , this splitting cannot be ascribed to Fermi resonance and some other explanation must therefore be found. For Communication I see RZKhim, No 1, 1955, 101.

L. Matousek

CARD: 3/3

B-11

STOKR, J.; SCHNEIDER, B.

Vibrational spectra of some carbonyl halides. II. Potential constants of COF_2 , COCl_2 and COBr_2 . Coll Cz chem 26 no.6:1489-1498 Je '61.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

(Halides) (Carbonyl compounds)

SCHNEIDER, B.; SCHMIDT, P.; WICHTERLE, O.

On the structure and properties of polyamides. Part 1: Infrared spectra of polycaprolactam. Coll Cz Chem 27 no.8:1749-1759 Ag '62.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague.

S/058/63/000/003/032/104
A062/A101

AUTHORS: Doskočilova, D., Schneider, B., Sebens, J.

TITLE: On the structure and properties of polyamides. II. Determination of crystallinity in polycaprolactam blocks by infrared spectra

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 34, abstract 3D232 ("Collect. Czechosl. Chem. Commun.", 1962, v. 27, no. 8, 1760 - 1769, English; summary in Russian)

TEXT: A method is elaborated for a quantitative analysis of polycaprolactam blocks by its infrared absorption spectra. For the spectral measurements of polycaprolactam use was made of turnings taken off from the blocks. By means of the elaborated method the content of conformations A and B was determined for a series of samples of alkaline polymerized blocks of polycaprolactam. For all investigated samples the content of the form A (crystalline α -form) was found equal to 57 - 58%. The correlation between infrared spectra, crystallinity, density and means of obtaining polycaprolactam is discussed. It is concluded that the density cannot serve as a fundamental criterion for evaluation.

Card 1/2

On the structure and properties of...

S/058/63/000/003/032/104
A062/A101

luating the crystallinity of polycaprolactam blocks. For Part I see abstract
3D231.

[Abstracter's note: Complete translation]

Card 2/2

DOSKOCILOVA, D.; SCHNEIDER, B.

On the structure and properties of polyamides. Part 3: Infrared spectra of complexes of N-alkylamides with KJ_3 . Coll Cz Chem 27 no.11:2605-2615 N '62.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague.

3

CZECHOSLOVAKIA

DOSKOCILOVA, D; PIVCOVA, H; SCHNEIDER, B; CEFELIN, P.

Institute of Macromolecular Chemistry of the Czechoslovak
Academy of Sciences, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 7, 1963, pp 1867-1876

"On the Structure and Properties of Polyamides. IV. Infra-
red Spectra of Poly-gamma-Methylcaprolactam and of
Amorphous Polycaprolactam."

DOSKOČILOVA, D.; PIVCOVA, H.; SCHNEIDER, B.; GEFELIN, P.

On the structure and properties of polyamides. Pt.4. Coll
Cz Chem 28 no.7:1867-1876 J1 '63.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy
of Sciences, Prague.

STOKR, J.; SCHNEIDER, B.

Vibration spectra of polyvinyl acetate and some model substances.
Coll Cz Chem 28 no.8:1946-1956 Ag '63.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of
Sciences, Prague.

SCHNEIDER, B.; VODNANSKY, J.

A study on the relation between the infrared spectra and the crystalline structure of cellulose. Coll Cz Chem 28 no.8:2080-2088 Ag '63.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague.

DOSKOČILOVA, D.; SCHNEIDER, B.; ČEPEL, P.; SCHMIDT, P.

On the structure and properties of polyamides. Pts. 5-6.
Coll Cz Chem 28 no.10:2556-2562, 2685-2695 0 '63.

1. Institute of Macromolecular Chemistry, Czechoslovak
Academy of Sciences, Prague.

VODNANSKY, J.; SLABINA, M.; SCHNEIDER, B.

Investigation of the changes in composition and structure of cellulose and wood by infrared spectroscopy. Coll Cz Chem 28 no. 12:3245-3256 D '63.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, and Paper and Cellulose Research Institute, Research Laboratory, Prague.

PIVCOVA, Hana; SCHNEIDER, Bohdan

Low-temperature cell for infrared spectroscopy. Chem listy 57
no.10:1068-1069 0 '63.

1. Ustav makromolekulární chemie, Československá akademie věd,
Praha.

DOSKOCILOVA, L.; SCHNEIDER, B.

On the structure and properties of vinyl polymers and their models. Pt. 1. Coll Cz Chem 29 no.10:2290-2308 0 '64.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague.

PIVCOVA, H.; SCHNEIDER, B.; STOKR, J.; JAKBS, J.

On the structure and properties of polyanides. Pt. 13. Coll Cz
Chem 29 no.10:2436-2448 O 164.

1. Institute of Macromolecular Chemistry, Czechoslovak Academy of
Sciences, Prague.

CARACULACU, A.; STOKR, J.; SCHNEIDER, B.

On the structure and properties of Vinyl polymers and their models Pt.3. Chem Cz Chem 29 no.11:2783-2793 N '64.

1. Institut of Macromolecular Chemistry of the Czechoslovak Academy of Sciences, Prague. 2. Present address: "Petru Poni" Institute of Chemistry of The Rumanian Academy, Iasi (for Caraculacu).

STOKR, J.; CARACULACU, A.; SCHNEIDER, B.

On the structure and properties of vinyl polymers and their models.
Pt.4. Coll Cz Chem 30 no.3:683-691 Mr '65.

1. Institute of Macromolecular Chemistry of the Czechoslovak Academy
of Sciences, Prague. Submitted May 12, 1964. 2. Present address:
Institutul de chimie "Petru Poni" Academie R.P.Filiala Iasi (for
Caraculacu).

SCHNEIDER, E.

"Gluinig winidur, a hard polvinyl chloride" p.85 (CHEMIK, Vol. 6, no. 3,
Mar. 1953, Katowice, Poland.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress,
August, 1953, Uncl.

SCHNEIDER, E.

POL.

3274

620.91 : 670.5

Schneider E. Heat Energy in the Plastics Processing Industry.

~~„Energia cieplna w przetwórczym przemyśle tworzyw sztucznych”~~.
Gospodarka Ciepłota-Energetyka Przemysłowa. No. 1, 1954, pp. 20-30,
10 figs, 3 tabs.

The increasingly frequent use of plastics in industry and the consequent necessity of familiarising users with the methods of generating heat energy for such purposes have prompted the author to review chemical substances used as components in plastic materials, and the equipment used for thermal reactions. He deals with frequency systems, infra-red heat rays, steam heated hydraulic presses, heating during the rolling process and welding burners.

SCHNEIDER, E.
SCHNEIDER, E.

"Trends in the Development of the Artificial Materials Industry in the USSR in the Years 1954-1955", P. 272, (CHEMIK, Vol. 7, No. 10, October 1954, Katowice, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

SCHNEIDER, E.

Proper use of artificial materials. p. 307.
CHEMIK (Stowarzyszenie Inzynierow i Technikow Przemyslu Chemicznego)
Vol. 8, no. 11, Nov. 1955.

POLAND

SOURCE: East European Accessions List LC Vol. 5, no. 7, August 1956

Schneider, E.

POLON 13450* Technique of Injection Molding. Technika prasowania wtryskowe. (Polish). E. Schneider and R. Malowicki. *Przemysł Chemiczny*, v. 11, no. 6, June 1963, p. 278-284. Design, operation, and behavior of injection molding machines. Advantages and uses of the method, particularly with the thermoplastics. Photographs, diagrams, tables, graph, 6 ref.

SCHNEIDER, E.

SCIENCE

Periodicals: CHEMIK. Vol. 11, no. 7/8, July/Aug. 1958.

SCHNEIDER, E. A Polish conference on the applications of vinidur. p. 244.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959,
Unclass.

POLAND / Chemical Technology, Chemical Products and Their
Application. Synthetic Polymers. Plastics.

H-29

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17503

Author : Schneider, E.

Inst : Not given

Title : Use of Plastics in the Machine Building Industry

Orig Pub : Przegl. mech., 1958, 17, No 3, 111-114

Abstract : Briefly described are methods of refining and manufactur-
ing of the thermoreactive plastics and of thermoplastics.
The article also describes application of polyamide
plastics in the machine building industry including the
coating of metal surfaces by the "coconization" method and
the contact molding of polyester plastics. It is pointed
out that in the near future consumption of plastics by the
machine building industry will comprise 12% of the total
plastics production in PNR. -- L. Pesin

Card 1/1

14-124

SCHNEIDER, E.

Utilization of waste products of the synthetic materials industry. p. 61.

CHEMIK.)Ministerstwo Przemyslu Chemicznego i Stowarzyszenie Naukowe-Techniczne
Inzynierow i Technikow Przemyslu Chemicznego) Warszawa. Poland. Vol. 5, no. 2,
February 1959.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 8, August, 1959.

Uncl.

SCHNEIDER, Eryk, mgr inż.; TETZLAFF, Edward, inż.

Pipe dolphins anchoring the floating dock of the Szczecin
Repair Shipyard. Tech gosp morsk 13 no.2:45-47 F '63.

1. Przedsiębiorstwo Hydrogeologiczne, Gdansk.

SOLOMON, M.; SCHNEIDER, E.

Analytic apparatus for processing crude oil. Metrologia
apl 10 no.1:34-41 Ja '63.

SOLOMON, M.; SCHNEIDER, E.

Dielectric constant measurement of silicone oils and correlation
of results with other values of materials. Metrologia apl 11
no. 2:80-84 F '64.

SCHNEIDER, F.

"Defective products in the manufacture of building blocks." p. 286.

STAVIVO. (Ministerstvo stavebnictvi). Praha, Czechoslovakia, Vol. 33,
No. 8, Aug. 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

SCHNEIDER, F.

SCHNEIDER, F. Waitzmann's testing hammer. p. 294

Vol. 34, no. 8, Aug. 1956

STAVIVO

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

SCHNEIDER, F.

Terrazzo.

P. 25. (STAVIVO) (Praha, Czechoslovakia) Vol. 36, no. 1, Jan. 1958

30: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

POP, S., dr.; SCHNEIDER, F., dr.; LEUCA, V., dr.; DRAGAN, P., dr.

Sparteine sulfate in the treatment of cholecystatony. Med. intern.
15 no.3:333-340 Mr '63.

1. Lucrare efectuata in Institutul de medicina, Timisoara.
(GALLBLADDER DISEASES) (SPARTEINE)

MIRZA, A.; TULEA, E.; SCHNEIDER, Fc.; NEAGOE, D.

Aspects of the biochemistry of the stimulogenic action of
L-glutamic acid and gamma-aminobutyric acid on interoceptors.
Stud. cercet. fiziol. 10 no.3:281-289 '65.

H/005/63/000/001/003/003
D249/D307

AUTHORS:

Kovács, Ödön, Tuba, Zoltán, Weisz, Imre and Schneider,
Gyula

TITLE:

Chemistry of trimethylene oxide derivatives I. Cis-
and trans-7-oxabicyclo(4,2,0.) octane (A)

PERIODICAL:

Magyar Kémiai Folyóirat, ⁶⁹no. 1, 1963, 37-41

TEXT: Preparation of the cis- and trans-modifications of A was attempted, under stereochemically controlled conditions. Cis 2-oxy-methyl cyclohexanol was prepared by the method of Mannich and Brose; the diacetate of the trans compound was prepared by the method of Matti, which was then transformed to the corresponding diol. Crystalline cis- and trans-2-p-toluenesulphonyloxymethyl cyclohexanols were then prepared. To close the rings the cis- and trans-monotoluenesulphonic esters were dissolved in ether, and the solution was added dropwise to concentrated aq. KOH. After distillation a product with the composition of $C_7H_{12}O$ was obtained, which did not con-

Card 1/2

Chemistry of trimethylene ...

H/005/63/000/001/003/003
D249/D307

tain active hydrogen. The ir spectrum of this compound showed a strong absorption band at 950 cm^{-1} , characteristic of cyclic ethers. The second fraction (12.7%) was found to be largely 2-methylene-cyclohexanol, and the third fraction (21.8%) a dimer with the composition of $\text{C}_{14}\text{H}_{24}\text{O}_2$ whose structure is now studied. To establish structure of the cis- and trans-7-oxa-bicyclo(4,2,0)octane, both compounds were dissolved in absolute ether and treated, at room temperature, with p-toluenesulphonic acid. The resulting oily products were reacted with trimethylamine. Both products of this reaction were tested by paper chromatography. The establishment of configuration is discussed. There is 1 table.

ASSOCIATION: Szegedi Tudományegyetem Szerves Kémiai Intézete (Department of Organic Chemistry, University of Szeged)

SUBMITTED: May 22, 1962

Card 2/2

KOVACS, Odon; SZILAGYI, Janos; SCHNEIDER, Gyula

Chemistry of trimethylene oxide derivatives. Pt. 3. Magyar
Folyoir 71 no.3:93-98 Mr '65.

1. Chair of Organic Chemistry of Attila Jozsef University, Szeged,
and Research Institute of Organic Chemical Industry, Budapest.
Submitted May 23, 1964.

SCHNEIDER, Gy.; KOVACS, O.; CHINORAI, M.

Synthesis of m-dioxans. Acta phys-chem Szeged 10 no.3/4:95-104 '64.

1. Institute of Organic Chemistry of Attila Jozsef University, Szeged (for Schneider and Kovacs). 2. Varnish and Paint Factory, Budapest (for Chinorai).

CSILLIK, B.; FOLDI, M.; SCHNEIDER, I.; VARGA, L.; JOO, F.

Histochemical and histophysical changes in the liver following experimental lymph congestion. Acta med. acad. sci. hung. 18 no.4:399-403 '62.

1. Department of Anatomy (Director: Prof. A. Gellert) and Second
Department of Medicine (Director: Prof. M. Foldi), University
Medical School, Szeged.
(LIVER) (CHOLINESTERASE) (SUCCINATE DEHYDROGENASE)
(LYMPHATIC SYSTEM)

SZARVAS, Ferenc; SCHNEIDER, Imre; BENKO, Sandor

Examination of the effect of serotonin in the early phase of liver damage caused by carbon tetrachloride. Kiserl., orvostud. 15 no.6:606-610, D '63.

1. Szegedi Orvostudományi Egyetem I Belklinika és Borklinika,
(SEROTONIN) (PHARMACOLOGY)
(CARBON TETRACHLORIDE POISONING)
(ASPARTATE AMINOTRANSFERASE)
(SUCCINATE DEHYDROGENASE)
(LIVER ENZYMOLOGY)
(HEPATITIS, TOXIC)

KOVACH, E. [Kovacs, E.]; SHNEYDER, Y. [Schneider, I.]; URESH, F. [Ures, F.]

Mechanism of tropine— Ψ -tropine isomerization. Izv. AN SSSR. Ser.
khim. no. 2: 320-326 F '64. (MIRA 17:3)

1. Institut organicheskoy khimii Segedskogo universiteta, Vengriya.

~~SHNAYDER, I.A.~~ [Schneider, I.A.]

On the thermal decomposition of methane. Rev chimie 5 no.2:227-242
'60. (EEAI 10:4)

1. TSentr khimicheskikh issledovaniy pri Akademii RNR, Otdel
fizicheskoy khimii, Bukharest.
(Methane)

SCHNEIDER, I.-A.

On the chromatographic analysis of some gaseous mixtures. Studii cerc
chim 8 no.3:451-463 '60. (EEAI 10:9)

1. Centrul de cercetari chimice, Sectia de chimie-fizica, Bucuresti.

(Mixtures)	(Chromatography)	(Hydrogen)
(Methane)	(Acetylene)	(Ethane)
	(Ethylene)	